Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 19 Dec 2020 until 23:59 on Sunday 20 Dec 2020

Forecast Issued on Friday 18 Dec 2020 at 11:42

Confidence: High confidence in general outline of the forecast for the beginning of the period some uncertainty by the middle of next week in the synoptic pattern.

Headline for Saturday 19 Dec 2020: A showery day with strong Southwesterly winds, possibly gales on the tops.

Mountain weather hazards on Saturday 19 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Dull	Heavy rain showers	Light rain showers	Light rain showers	Heavy rain showers (night)	Heavy rain showers (night)
Precipitation probability							
80%	80%	40%	50%	50%	50%	60%	60%

Forecast for Saturday 19 Dec 2020

Weather: Bands of blustery showers will push across the Yorkshire Dales during Saturday, some showers will group together to give longer periods of rain. Some of the showers will be heavy with the risk of thunder and lightning at times. There will be a few brighter or sunny intervals out with showers.

Chance of cloud free mountain/hill tops above 600m: 50%, scattered cloud will shroud the hill tops at times especially during heavier showers but this cloud will move on quite well except on some of the more southerly fell tops where cloud may linger for much of the day around 500m.

Visibility: Visibility will be good out with showers however visibility will dip to moderate or poor at times in showers particularly in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Saturday 19 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/39 S	19/28 S	18/27 S	22/32 S	25/38 S	22/35 S	24/37 S	23/35 SW	25/38 SW
300	17/36 S	12/26 S	11/25 S	14/29 S	16/33 S	14/31 S	16/33 S	15/31 S	17/35 SW
Valley	13/31 S	10/24 S	9/24 S	12/28 S	16/35 S	13/28 S	13/30 S	14/30 S	14/31 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/3	6/2	6/1	5/-1	4/-1	4/-2	4/-2	3/-3	3/-4
300	10/6	9/6	8/4	7/3	7/3	6/2	6/2	5/1	5/0
Valley	11/8	10/7	8/6	8/5	8/5	8/5	7/4	7/3	6/3
Freezing Level*	1900m	1500m	1300m	1300m	1200m	1100m	1100m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong southerly winds at height will strengthen further in the afternoon and evening, gale force gusts will be strongest around the heavier showers. Note the freezing level lowering during the day making it feel colder.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 18 Dec 2020	11.8mm	12.6mm	20.4mm

Forecast for Sunday 20 Dec 2020

Weather: Another showery outlook on Sunday although showers are likely to be mainly light and move through quite quickly with visibility only dipping a little as showers affect the dales, showers may be wintery on the tops with freezing level around 900m. Some long sunny or bright spells throughout the day and some areas will see very few showers.

Maximum wind: Southwesterly 20-25mph gusts 35-40 mph.

Chance of cloud free mountain/hill tops above 600m: 60%, there will be periods of time when cloud falls below the tops however this should be short lived with good opportunities for views across the Yorkshire Dales.

Visibility: Mainly good but becoming moderate in showers and poor in any sleet or snow showers.

Temperature: **Valleys:** Plus 7 Celsius
At 600m: Plus 2 Celsius.
Freezing level: 900m

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